

ABSTRACT OF THE DISCLOSURE
METHOD AND SYSTEM OF DISPATCHING SOCKS TRAFFIC

5 The present invention relates to a method and system
for dispatching on a socks server an IP datagram
originated from an application on a source device, in an
Internet Protocol (IP) network comprising a plurality of
socks servers, said IP datagram comprising a Source IP
Address field in the IP header, a Source Port field in
10 the Transmission Control Protocol (TCP) header, and socks
data. The method comprises, in a socks dispatcher, the
steps of:

identifying the source device by retrieving source
address in the Source IP Address field;

15 identifying the application on the source device by
retrieving the application address in the Source Port
field;

determining the application level protocol of socks
data referring to a first table, the first table
20 comprising for each socks connection identified by a
source address and an application address, an application
level protocol; and

25 selecting a socks server referring to a second
table, the second table defining for each application
level protocol one or a plurality of socks servers.

The step of selecting a socks server referring to a
second table, comprises the further steps of:

30 determining the number of socks servers in the
second table defined for the application level protocol
of the IP datagram:

if only one socks server is defined in the second
table, forwarding the IP datagram to said socks server,
if more that one socks server is defined in the

second table, forwarding the IP datagram to a socks server selected according to its capacity and the priority of the IP datagram.

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